

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) An attachment device for a ground drilling or cutting tool that enables cutting elements to be movably secured to said tool, said cutting elements having an arm that has a longitudinal axis, a first surface defining a dowel hole, and an engagement surface that extends substantially parallel to the longitudinal axis, said attachment means including:

a second surface on said tool upon which said first surface locates, defining a dowel hole aligned with the dowel hole in the first surface when said first and said second surfaces locate together,

a dowel that locates in said first and said second dowel holes when the dowel holes are aligned with one another,

an engagement surface on said tool that extends substantially parallel to a longitudinal axis of said tool, and engages the engagement surface of said cutting element to resist side loads applied to said cutting element, and

fastening means a plurality of threaded fasteners having a preselected diameter, for securing said cutting element to said tool,

threaded apertures defined in said second surface of said tool that are threadingly engaged by said threaded fasteners,

said arm including walls that define through holes extending through said arm, to receive and locate said thread fasteners so as to threadably engage with said tool, and

said through holes defined by said walls having a diameter that is larger than the diameter of said threaded fasteners, such that there is a clearance between the walls and said threaded fasteners that minimizes shear load applied by said arm to said threaded fasteners.

2. (Currently amended) An attachment device according to claim 1 wherein said cutting element comprises a conical roller cutter ~~having an arm and said first surface comprises a surface on the~~ that is attached to said arm.

3. (Previously amended) An attachment device according to claim 2 wherein said dowel is normal to both said first and second surfaces.

4. (Previously amended) An attachment device according to claim 3 wherein there are at least two dowels.

5. (Previously amended) An attachment device according to claim 1 wherein said engagement surfaces define an interengaging recess and projection.

6. (Previously amended) An attachment device according to claim 5 wherein said recess comprises a longitudinal channel.

7. (Previously amended) An attachment device according to claim 6 wherein said channel has a base that is parallel to one of said first and said second surfaces, and side walls that are substantially normal to said base.

8. (Previously amended) An attachment device according to claim 7 wherein said projection has a shape complementary to the internal shape of said channel.

9. (Previously amended) An attachment device according to claim 8 wherein said channel is on said second surface.

10. (Currently amended) An attachment device according to claim 1 wherein said ~~cutting element also comprises~~ arm includes a mounting box containing said first surface and said walls defining said through holes.

11. (Previously amended) An attachment device according to claim 1 wherein said fastening means comprises a plurality of threaded fasteners.

12. (Previously amended) An attachment device according to claim 11 wherein said first surface defines apertures through which said bolts locate and threaded apertures defined in said second surface that are engaged by said bolts.

13. Cancelled.

14. Cancelled.